

## Beaumont Fire-Rescue Services

# PERFORMANCE BENCHMARKS

## 402.05C – Use of the Thermal Imaging Camera

Discipline: Firefighting-Rescue  
Effective: 12/5/2011  
Revised:  
Replaces:

*Anne Huff, Fire Chief*

### I. Objective

The firefighter shall both verbally and practically describe the features and operations of the thermal imaging camera (TIC).

### II. Instructions – Procedures for Achieving the Objective

You will explain and demonstrate the proper features and techniques for using the thermal imaging camera (TIC). You will begin on my instruction to start. The skill will end when you have verbally and practically demonstrated all of the identified steps. Do you understand these instructions?

### III. Examiner's Note

The firefighter will not be allowed to review the performance steps at the time of evaluation.

### IV. Preparation & Equipment

- A. Thermal Imaging Camera
- B. Stop watch
- C. Structural PPE
- D. Manikin
- E. Darkened room for search techniques

### V. Reference Sources

- A. SOG 202.01A – Use of the Thermal Imaging Camera
- B. Bullard training website

## 402.05C – Use of Thermal Imaging Camera

### Discipline: Firefighting-Rescue

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

**If the Firefighter:**      *(No partial points given)*

**Item #1:**

- A. Verbalizes proper uses for the Thermal Imaging Camera ..... P/F \_\_\_\_\_
- B. Verbalizes cleaning instructions for the Thermal Imaging Camera ..... 2.0 \_\_\_\_\_
- C. Verbalizes Thermal Throttle Mode for the Thermal Imaging Camera ..... P/F \_\_\_\_\_
- D. Verbalizes Relative Heat Indicator for the Thermal Imaging Camera..... P/F \_\_\_\_\_
- E. Verbalizes Super Red Hot mode for the Thermal Imaging Camera ..... P/F \_\_\_\_\_
- F. Verbalizes Four Transparent colors in SRH Mode for the Thermal Imaging Camera ..... P/F \_\_\_\_\_

**Item #2:**

- A. Properly turns on Thermal Imaging Camera ..... P/F \_\_\_\_\_
- B. Correctly demonstrates search techniques using Thermal Imaging Camera ..... P/F \_\_\_\_\_
- C. Correctly activates Thermal Throttle Mode on Thermal Imaging Camera ..... 2.0 \_\_\_\_\_
- D. Properly turns off Thermal Imaging Camera ..... P/F \_\_\_\_\_
- E. Correctly changes Battery on Thermal Imaging Camera ..... 2.0 \_\_\_\_\_

**Time Allocation**

Completes skill in allotted time ..... 2.0 \_\_\_\_\_

Allotted time for this skill:      10   minutes      0   seconds  
 Actual time:                                   minutes           seconds

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
8	6	First			
		Second			
		Third			